# USER TRAINING STRATEGY Department of Transportation DELPHI Program



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Creation Date: 4/24/1998

Last Updated: 5/28/98 7:58 AM

Control Number: OR030

Version:

# **Contents**

| Contents   | i   |
|--|-----|
| Introduction   | 1   |
|  |     |
| Purpose  |     |
| Background Related Documents   |     |
|  |     |
| Training Coordination  | . 2 |
| User Profiles  | . 3 |
| Management   | . 3 |
| Program Managers and Administrative Assistants:                        |     |
| Budget Supervisors and Analysts:                                       |     |
| Accounting Operations Supervisors and Technicians:                     |     |
| Document Originators:  | . 3 |
| Training Audience  | . 4 |
| Summary of Current/Potential Users                                     | Δ   |
| Federal Transit Administration Current/Potential Users                 |     |
| United States Coast Guard Current/Potential Users                      |     |
| Federal Aviation Administration Current/Potential Users                | . 7 |
| Federal Highway Administration Current/Potential Users                 |     |
| Federal Railroad Administration Current/Potential Users                |     |
| National Highway Traffic Safety Administration Current/Potential Users |     |
| Maritime Administration Current/Potential Users                        |     |
| Volpe Center Current/Potential Users                                   |     |
| Training Model   | 11  |
| Advance Preparation  | 12  |
| Training Program   | 12  |
| Deliverables   |     |
| Implementation Training  | 14  |
| Training Program   | 14  |
| Deliverables   |     |
| Follow-up  | 16  |
| Training Program  Deliverables   |     |
|  |     |
| Ongoing  |     |
| Training Program  Deliverables   |     |
| Appendix 1 Training Preparation Checklist                              | 19  |
| Technical Environment  | 19  |
| Training Resources   |     |
| Follow-Up  |     |
| Products Installed   |     |
| Annandix 2 Sample Skills Assessment                                    | 21  |

## Introduction

## **Purpose**

The purpose of this document is to provide user profiles, training audience, and training methods for the DELPHI user training.

## **Background**

Due to a changing technological environment, availability of different training methods, and changing customer needs, training for DELPHI must take a innovative and aggressive approach. It is important that we provide a training package that is timely, relevant, well planned, accessible, and accurate. Untrained users will spend three to six times the number of hours to reach the same level of functionality as trained users; therefore, it is essential that we plan effectively to train all system users. Our strategy will provide the means for managers to take responsibility to ensure their employees will be adequately trained.

Our intent is to use a combination of selected training methods to develop a comprehensive training program that:

- Considers the needs of all organizations in DOT
- Promotes positive change by utilizing the training tools and leveraging the talent in our user community
- Creates and fosters a customer-focused environment.

The result of this investment will be:

- Data integrity in the system
- Understanding by each user of the impact of individual actions on the system
- End user buy-in

## **Related Documents**

- 1. Program Charter for the DELPHI Program
- 2. Control and Reporting Procedures for the DELPHI Program
- 3. Quality Plan for the DELPHI Program
- 4. Documentation Management Plan for the DELPHI Program
- 5. Communication Plan for the DELPHI Program

# **Training Coordination**

This worksheet contains the training coordinators for each site where Oracle Financial Applications training will be conducted. If changes or cancellations occur, the coordinator for each site will communicate the changes to the attendees.

| Site Name | Training Coordinator | Title                              | E-mail Address | Phone |
|-----------|----------------------|------------------------------------|----------------|-------|
| MMAC      | tbd                  | DELPHI Communications and Training |                |       |
|           |                      | Leader                             |                |       |
| MMAC      | tbd                  | Oracle Training Coordinator for    |                |       |
|           |                      | DELPHI program                     |                |       |
| FTA       | tbd                  |                                    |                |       |
| USCG      | tbd                  |                                    |                |       |
| FAA       | tbd                  |                                    |                |       |
| FHWA      | tbd                  |                                    |                |       |
| FRA       | tbd                  |                                    |                |       |
| NHTSA     | tbd                  |                                    |                |       |
| MARAD     | tbd                  |                                    |                |       |
| VOLPE     | tbd                  |                                    |                |       |

## **User Profiles**

Financial system users primarily fall into the following categories:

## Management

All current and potential users will need training. The knowledge required by this user category is:

- Reporting
- Inquiries

## **Program Managers and Administrative Assistants:**

All current and potential users will need training. The knowledge required by this user category is:

- Reporting
- Inquiries

## **Budget Supervisors and Analysts:**

All current and potential users will need training. The knowledge required by this user category is:

- Reporting
- Inquiries

## **Accounting Operations Supervisors and Technicians:**

All current and potential users will need training. The knowledge required by this user category is:

- Origination points entry functions
- Reporting
- Inquiries

## **Document Originators:**

All potential users at a point of entry will need training. Training for this group will be determined by the Operating Administrations. Super users will deliver this training. The knowledge required by this user category is:

- Origination points entry functions
- Reporting
- Inquiries

# **Training Audience**

The following charts contain an analysis of either current or potential financial system users that fall into the categories listed above:

# **Summary of Current/Potential Users**

| Current a              | Current and Potential Users |      |             |       |                            |   |       |  |  |  |
|------------------------|-----------------------------|------|-------------|-------|----------------------------|---|-------|--|--|--|
| Dept of Transportation |                             |      | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |  |
| OA                     | Agy/Reg/I                   | Dist | Supervisors | Techs | Reporting and<br>Inquiry   | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |  |
| FTA                    | 9                           | ALL  | 4           | 48    | 12                         | tbd                                     | 64    |  |  |  |
| USCG                   | 2                           | ALL  | 26          | 263   | 143                        | tbd                                     | 432   |  |  |  |
| FAA                    | 1                           | ALL  | 52          | 365   | 592                        | tbd                                     | 1009  |  |  |  |
| FHWA                   | 4                           | ALL  | 50          | 157   | 42                         | tbd                                     | 249   |  |  |  |
| FRA                    | 5                           | ALL  | 2           | 10    | 20                         | tbd                                     | 32    |  |  |  |
| NHTSA                  | 8                           | ALL  | 1           | 4     | 13                         | tbd                                     | 18    |  |  |  |
| MARAD                  | D                           | ALL  | 5           | 17    | 8                          | tbd                                     | 30    |  |  |  |
| VOLPE                  | 3                           | ALL  | 3           | 12    | 71                         | tbd                                     | 24    |  |  |  |
| Totals                 | Totals                      |      | 147         | 877   | 834                        |   | 1858  |  |  |  |

## **Federal Transit Administration Current/Potential Users**

Users in the Federal Transit Administration include the Office of the Secretary (OST), Transportation Administrative Service Center (TASC), Bureau of Transportation Statistics (BTS), and the Surface Transportation Board (STB).

| Current a | Current and Potential Users |      |             |       |                            |   |       |  |  |  |
|-----------|-----------------------------|------|-------------|-------|----------------------------|---|-------|--|--|--|
| Dept of   | Dept of Transportation      |      | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |  |
| Entity    | Agy/Reg/D                   | Dist | Supervisors | Techs | Reporting and Inquiry      | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |  |
| FTA HQ    | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 1  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 2  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 3  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 4  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 5  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 6  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 7  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 8  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 9  | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Region 10 | 9                           | 1    |             |       |                            | tbd                                     |       |  |  |  |
| Totals    |                             | •    | 4           | 48    | 12                         |   | 64    |  |  |  |

# **United States Coast Guard Current/Potential Users**

| Current and Potential Users |           |      |             |       |                            |   |       |  |  |
|-----------------------------|-----------|------|-------------|-------|----------------------------|---|-------|--|--|
| Dept of Transportation      |           |      | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |
| Entity                      | Agy/Reg/I | Dist | Supervisors | Techs | Reporting and Inquiry      | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |
| Boston (Dist 1)             | 2         | 1    |             |       |                            | tbd                                     |       |  |  |
| St. Louis (Dist 2)          | 2         | 2    |             |       |                            | tbd                                     |       |  |  |
| New York (MLC)              | 2         | 3    |             |       |                            | tbd                                     |       |  |  |
| Honolulu (Dist 14)          | 2         | 4    |             |       |                            | tbd                                     |       |  |  |
| Portsmouth (Dist 5)         | 2         | 5    |             |       |                            | tbd                                     |       |  |  |
| MLC Pacific                 | 2         | 6    |             |       |                            | tbd                                     |       |  |  |
| Miami (Dist 7)              | 2         | 7    |             |       |                            | tbd                                     |       |  |  |
| New Orleans (Dist 8)        | 2         | 8    |             |       |                            | tbd                                     |       |  |  |
| Acquisition                 | 2         | A    |             |       |                            | tbd                                     |       |  |  |
| Supply Center               | 2         | В    |             |       |                            | tbd                                     |       |  |  |
| Cleveland (Dist 9)          | 2         | С    |             |       |                            | tbd                                     |       |  |  |
| Engineering & Dev           | 2         | Е    |             |       |                            | tbd                                     |       |  |  |
| Chesapeake Fin Cen          | 2         | F    |             |       |                            | tbd                                     |       |  |  |
| Headquarters                | 2         | Н    |             |       |                            | tbd                                     |       |  |  |
| Juneau (Dist 17)            | 2         | J    |             |       |                            | tbd                                     |       |  |  |
| Long Beach (Dist 11)        | 2         | L    |             |       |                            | tbd                                     |       |  |  |
| Elizabeth City              | 2         | N    |             |       |                            | tbd                                     |       |  |  |
| Operations                  | 2         | О    |             |       |                            | tbd                                     |       |  |  |
| Personnel (Programs)        | 2         | P    |             |       |                            | tbd                                     |       |  |  |
| Personnel (Units)           | 2         | Q    |             |       |                            | tbd                                     |       |  |  |
| Seattle (Dist 13)           | 2         | S    |             |       |                            | tbd                                     |       |  |  |
| Command                     | 2         | Т    |             |       |                            | tbd                                     |       |  |  |
| West Coast Fin Cen          | 2         | W    |             |       |                            | tbd                                     |       |  |  |
| CG Yard                     | 2         | Y    |             |       |                            | tbd                                     |       |  |  |
| Oil Pollution Fund          | 2         | Z    |             |       |                            | tbd                                     |       |  |  |
| Totals                      |           |      | 26          | 263   | 143                        |   | 432   |  |  |

## Federal Aviation Administration Current/Potential Users

Users in the Federal Aviation Administration include the Research and Special Programs Administration (RSPA) excluding Volpe Center, and the Office of the Inspector General (OIG).

| Current and Potential Users |              |   |             |       |                            |   |       |  |  |
|-----------------------------|--------------|---|-------------|-------|----------------------------|---|-------|--|--|
| Dept of Transportation      |              |   | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |
| Entity                      | Agy/Reg/Dist |   | Supervisors | Techs | Reporting and<br>Inquiry   | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |
| Aero Center                 | 1            | Α | 5           | 70    | 85                         | tbd                                     | 160   |  |  |
| Tech Center                 | 1            | T | 1           | 23    | 10                         | tbd                                     | 34    |  |  |
| Washington                  | 1            | W | 6           | 45    | 127                        | tbd                                     | 178   |  |  |
| Eastern/NE Region           | 1            | 1 | 7           | 25    | 110                        | tbd                                     | 142   |  |  |
| Southwest Region            | 1            | 2 | 3           | 20    | 41                         | tbd                                     | 64    |  |  |
| Central/GL Region           | 1            | 3 | 12          | 66    | 23                         | tbd                                     | 101   |  |  |
| Southern Region             | 1            | 4 | 4           | 44    | 71                         | tbd                                     | 119   |  |  |
| Alaskan Region              | 1            | 5 | 1           | 21    | 26                         | tbd                                     | 48    |  |  |
| Southern Region             | 1            | 7 | 13          | 51    | 99                         | tbd                                     | 163   |  |  |
| Totals                      |              |   | 52          | 365   | 592                        |   | 1009  |  |  |

# Federal Highway Administration Current/Potential Users

| Current and Potential Users |           |      |             |       |                            |   |       |  |  |
|-----------------------------|-----------|------|-------------|-------|----------------------------|---|-------|--|--|
| Dept of Transportation      |           |      | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |
| Entity                      | Agy/Reg/I | Dist | Supervisors | Techs | Reporting and<br>Inquiry   | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |
| FHWA HQ                     | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 1               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 3               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 4               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| FedAid Reg 5                | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 6               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 7               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 8               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 9               | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid Reg 10              | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Aid States              | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Land Reg 15             | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Land Reg 16             | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Fed Land Reg 17             | 4         | Н    |             |       |                            | tbd                                     |       |  |  |
| Totals                      | •         | 1    | 50          | 157   | 42                         |   | 249   |  |  |

# Federal Railroad Administration Current/Potential Users

| Current and Potential Users |                |     |             |       |                            |   |       |  |  |
|-----------------------------|----------------|-----|-------------|-------|----------------------------|---|-------|--|--|
| Dept of <sup>-</sup>        | Transportation |     | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |
| Entity                      | Agy/Reg/D      | ist | Supervisors | Techs | Reporting and Inquiry      | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |
| FRA HQ                      | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 1                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 2                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 3                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 4                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 5                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 6                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 7                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Region 8                    | 5              | 1   |             |       |                            | tbd                                     |       |  |  |
| Totals                      | •              | •   | 2           | 10    | 20                         |   | 32    |  |  |

# National Highway Traffic Safety Administration Current/Potential Users

| Current and Po         | Current and Potential Users |   |             |       |                            |   |       |  |  |  |
|------------------------|-----------------------------|---|-------------|-------|----------------------------|---|-------|--|--|--|
| Dept of Transportation |                             |   | Account     | ing   | Budget/Program<br>Managers | Document<br>Originators                 |       |  |  |  |
| Entity                 | Agy/Reg/Dist                |   | Supervisors | Techs | Reporting and<br>Inquiry   | Data Entry,<br>Reporting and<br>Inquiry | Total |  |  |  |
| NHTSA HQ               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 1               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 2               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 3               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 4               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 5               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 6               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 7               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 8               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 9               | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Region 10              | 8                           | W |             |       |                            | tbd                                     |       |  |  |  |
| Totals                 | •                           | • | 1           | 4     | 13                         |   | 18    |  |  |  |

# **Maritime Administration Current/Potential Users**

| Current and Potential Users |            |    |                   |    |                            |   |       |  |
|-----------------------------|------------|----|-------------------|----|----------------------------|---|-------|--|
| Dept of Transportation      |            |    | Accounting        |    | Budget/Program<br>Managers | Document<br>Originators                 |       |  |
| Entity                      | Agy/Reg/Di | st | Supervisors Techs |    | Reporting and Inquiry      | Data Entry,<br>Reporting and<br>Inquiry | Total |  |
| MARAD HQ                    | D          | 1  |                   |    |                            | tbd                                     |       |  |
| Western Reg                 | D          | 1  |                   |    |                            | tbd                                     |       |  |
| Central Reg                 | D          | 1  |                   |    |                            | tbd                                     |       |  |
| G/L Reg                     | D          | 1  |                   |    |                            | tbd                                     |       |  |
| N Atlantic Reg              | D          | 1  |                   |    |                            | tbd                                     |       |  |
| S Atlantic Reg              | D          | 1  |                   |    |                            | tbd                                     |       |  |
| MARAD ACAD                  | D          | 5  |                   |    |                            | tbd                                     |       |  |
| Totals                      | -          | •  | 5                 | 17 | 8                          |   | 30    |  |

# **Volpe Center Current/Potential Users**

| Current and Potential Users |             |            |             |                            |                         |   |       |  |
|-----------------------------|-------------|------------|-------------|----------------------------|-------------------------|---|-------|--|
| Dept of Transportation      |             | Accounting |             | Budget/Program<br>Managers | Document<br>Originators |   |       |  |
| Entity                      | Agy/Reg/Dis | st         | Supervisors | Techs                      | Reporting and Inquiry   | Data Entry,<br>Reporting and<br>Inquiry | Total |  |
| Volpe Ctr                   | 3           | 1          | 7           | 13                         | 4                       | tbd                                     |       |  |
| Totals                      |             |            | 7           | 13                         | 4                       |   | 24    |  |

# **Training Model**

Using the implementation strategy outlined in the DEIPHI Program Charter and recommended training methods, a training program model that incorporates (1) basic navigation skills training, (2) role-based training, and (3) cross-functional understanding has been developed.



## **Advance Preparation**

## **Training Program**

There will be a cadre of super users – two to six from each operating administration (OA), depending on size and at least one from each DELPHI Program Team. We will place an emphasis on vendor-provided and train-the-trainer courses to assist in their development. This will occur during the Global Build/Pilot Phase of the Program.

Super users play critical roles at each level. It is important to develop super users and bring crossfunctional super users together early in the process to develop a broader understanding of each group's role in the enterprise. Super users assume the following roles:

- Expertise: Super users become the software experts within each operating administration.
- Coaching: Super users troubleshoot individual problems and questions for other employees.
- Processes and Communications: Super users interact with other super users to identify and implement business process changes or improvements.
- Skills Assessment: Super users will participate with the DELPHI Program Team to identify software transaction skills and develop software skills assessment tools. Skills assessment tools will be used on an ongoing basis to determine the skill level of each employee. These tools will be developed by super users in all Operating Administrations during the Global Build/Pilot Phase of the Program. A sample skills assessment is provided in Appendix 2.
- Training: Super users will participate with the DELPHI Program Team to develop role-based standard classroom/lab instruction and interactive video to be used at startup, for new employees, new processes, and process changes. The outline for this training material is based on skills assessment tools. Required individual skills will be determined for each area and training is focused on the skills in these areas. Role-based training material is focused on the roles people perform in the workplace; i.e., accounts payable, general ledger, program management, etc. These training documents will be developed by super users in all Operating Administrations during the Global Build/Pilot Phase of the Program. Training for each operating administration is augmented to reflect the specific DELPHI setups during their respective operating administration installations in the OA Deployments Phase.
- Online Help: Super users from the Operating Administrations and DELPHI Program Team will be responsible for developing online help to supplement the vendor-provided help file. Online help is developed in unison with the setup and definition of the DELPHI software. Initially this takes place during the Global Build/Pilot Phase of the Program, but continues into the OA Deployments Phase.

#### **Deliverables**

| What                        | Who is Responsible | When                         |
|-----------------------------|--------------------|------------------------------|
| Train-the-trainers training | Oracle             | See DELPHI Program work plan |

| Vendor-provided training   | Vendor(Oracle or some other provider)  | See DELPHI Program work plan  |
|--|--|---|
| Skills Assessment Tools  | Super users and DELPHI<br>Program Team | Global Build/Pilot Phase –<br>See Program work plan                 |
| Role-based training material<br>for standard classroom/lab<br>instruction and Interactive<br>Video | Super users and DELPHI<br>Program Team | Global Build/Pilot and OA<br>Deployments – See Program<br>work plan |
| Online help  | Super users and DELPHI<br>Program Team | Global Build/Pilot and OA<br>Deployments – See Program<br>work plan |

## **Implementation Training**

## **Training Program**

#### Management, Program Managers, Administrative Assistants, Budget Supervisors and **Analysts**

All users requiring training for reporting and inquiries will be trained initially in *interactive video* (IVT) sessions. The material used in these sessions will have been developed specifically for this group of personnel by the super users during the Advance Preparation stage and is role-based. Therefore it can be delivered by super users or by the DELPHI Program Team at a time agreed upon by all parties – as defined in the Program work plan.

For additional assistance and subsequent to their initial exposure to the material, this group of users will participate in talk-back deskside coaching sessions with the super users from their respective Operating Administrations.

#### **Accounting Operations Supervisors and Technicians**

This user group, or any user who performs data entry at origination point, requires the following training:

- One week prior to implementation Receives vendor-provided basic navigation training. A lab is set up on-site by the operating administration hosting the training. The vendor provides the materials and conducts the training, discussions, and the lab work. Lab exercises for all users is required during this training. The group is then divided into smaller groups by the type of function that they perform. Operating administration super users and/or members of the DELPHI Program Team then conduct standard classroom/lab instruction using the role-based training developed in the Advance Preparation stage. It is important that users begin to make the transition and to understand how their functions will be performed in the new environment. The role-based training facilitates this process. Appendix 1 contains a training preparation checklist to assist the DELPHI Program Team to prepare for training.
- Week of implementation During the first week of live operation, deskside coaching will be performed to assist individuals with their work. This is accomplished by super users and DELPHI Program Team. It is important that by the end of this week each user feels comfortable that he or she can complete the given assignments. A training evaluation is completed by each user.

# **Deliverables**

| What   | Who Receives  | When  |
|--|---|---|
| Interactive video (IVT) -<br>given by super users and<br>DELPHI Program Team   | Management, program<br>managers, administrative<br>assistants, budget<br>supervisors and analysts | As close to the actual implementation date as possible – See DELPHI Program work plan |
| Vendor-provided basic<br>navigation training   | Accounting operations supervisors and technicians   | One week prior to implementation - each operating administration                      |
| Standard classroom/lab<br>instruction using the role-<br>based training given by<br>super users and DELPHI<br>Program Team | Accounting operations supervisors and technicians   | One week prior to implementation - each operating administration                      |
| Deskside coaching - given<br>by super users and DELPHI<br>Program Team   | er users and DELPHI managers, administrative  |   |

## Follow-up

## **Training Program**

#### **First Month End**

At the end of the first month of live operation, *deskside coaching* is again provided to assist individuals with their month-end processing functions. This is accomplished by super users in the Operating Administrations and/or members of the DELPHI Program Team. It is important that each employee receives personal help to answer any questions that may have arisen since implementation.

Super users will also hold small group sessions with employees during this time to discuss lessons learned and share information. Skills assessment tools will be administered at this time. Information gained in this assessment will be used to determine future resources and training required for each participant and to determine the emphasis that super users should use to help their respective Operating Administrations make their transition.

#### **Subsequent Visit**

At a time determined by the operating administration and DELPHI Program Team, *deskside coaching* is again provided to assist individuals. This is accomplished by super users in the Operating Administrations and/or members of the DELPHI Program Team. Subject matter for this *deskside coaching* session is primarily based on the skills assessment information collected at the end of the first month.

Super users will hold small group sessions with employees during this time to discuss lessons learned, share information, and begin planning for future internal sessions and revising training documentation if needed.

#### **Deliverables**

| What   | Who Receives   | When  |
|--|--|---|
| Deskside coaching - given<br>by super users and DELPHI<br>Program Team | Management, program<br>managers, administrative<br>assistants, budget<br>supervisors and analysts,<br>accounting operations<br>supervisors and technicians | Month end and at a<br>subsequent visit - each<br>operating administration |
| Skills assessment  | All users  | Month end   |

## **Ongoing**

## **Training Program**

Ongoing activities in the training model follow. These activities encourage *cross-functional understanding* and develop an increased knowledge base across the Department.

- Feedback for continuous improvement for all types of training is encouraged. Super users will be encouraged to solicit informal comments from people in their functional areas about the *roles-based* training classes.
- Super users will be expected to increase their training skills through *train-the-trainer* workshops and off site *vendor-provided* software education classes.
- Super users will be responsible for updating and improving role-based training material as needed.
- Super users host periodic user group meetings to discuss new functionality, demonstrate problem-solving techniques, and share knowledge with super users from every operating administration. They also develop a working knowledge of how individual actions impact the other parts of the system.
- Super users and any users who require cross-functional knowledge participate in
  on-site demonstrations by software consultants, local seminars, regional user
  group meetings, and national user group meetings.
- Users participate in talk-back *deskside coaching* sessions with the super users from their respective Operating Administrations. These sessions will be held monthly or bi-monthly.
- Periodic skills assessments will be given to all users. Information collected
  from these skills assessments and from employee feedback will be used to place
  employees in basic navigation reviews, provide training of the topics they
  require, or identify their ability to teach someone else.
- New users will be given *basic navigation* training. Super users of their respective Operating Administrations will be responsible for either delivering the training using vendor-provided material or contracting with a vendor to provide the training. New users will be also given *role-based* training applicable to them. This training may be delivered by a super user or other employee knowledgeable in this area.
- Super users in the DELPHI Program Team continually update the *online help* with new information pertinent to the Department of Transportation users of the DELPHI software.

# **Deliverables**

| What   | Who is Responsible                         | When                  |
|--|--|-----------------------|
| Train-the-trainers training for super users  | Vendor                                     | As needed             |
| Vendor-provided training for super users   | Vendor                                     | As needed             |
| Deskside coaching sessions for all users   | Super users                                | Monthly or bi-monthly |
| Online Help  | Super users and the DELPHI<br>Program Team | Ongoing               |
| Standard classroom/lab<br>instruction for basic<br>navigation skills and role-<br>based training for new<br>employees. | Super users                                | As needed             |
| Skills assessment  | All Users                                  | Periodically          |

# **Appendix 1 -- Training Preparation Checklist Technical Environment Contact: INSTALLATION Contact** Date: INSTALLATION Scheduled Date: **INSTALLATION Completed** Name: Printer Available Path/Name: Concurrent Manager Startup script Products installed Date: Confirmation completed Space adequate for number of users **RDBMS & Application Compatibility Training Resources Number:** Number of Trainees List of Trainees, Disciplines Facilities adequate for expected number of trainees **Number:** Phone in training room **Navigation Training Completed** Introduction to Applications Object Library Training Completed Dependent Products Training Completed Navigation Documentation Provided (Optional) Operating System Users: User Names, Passwords Application Users: User Names, Passwords Sign-on Instructions Keyboard Mapping Template Reference Manuals **Training Class Notes** White Board, markers, flip charts Overhead Slides Overhead Projector

Issues List Template

|                    |      | Training Agenda                  |    |                        |
|--------------------|------|----------------------------------|----|------------------------|
|                    |      | Evaluation Sheets- Classroom     |    |                        |
|                    |      | Evaluation Sheets- Instructor    |    |                        |
| Follow-Up          | _    |                                  |    |                        |
| •                  |      | Secondary Technical Contact      | Na | ame:                   |
|                    |      | Secondary Technical Contact      | Pl | none:                  |
|                    |      | Dial out instructions (Attached) |    |                        |
|                    |      | Local Oracle node                | N  | umber:                 |
|                    |      | System Administrator             | N  | ame:                   |
|                    |      | System Administrator             | Pl | none:                  |
|                    |      | DBA                              | N  | ame:                   |
|                    |      | DBA                              | Pl | none:                  |
|                    |      | SQL*Plus FIN Access              | Us | sername:               |
|                    |      | SQL*Plus FIN Access              | Pa | assword:               |
| Products Installed |      |                                  |    |                        |
|                    |      | Assets                           |    | Federal General Ledger |
|                    |      | Cash Management                  |    | Federal Payables       |
|                    |      | Financial Analyzer               |    | Federal Receivables    |
|                    |      | Inventory                        |    | Federal Purchasing     |
|                    |      | Order Entry                      |    |                        |
|                    |      | Project Billing                  |    | Project Costing        |
|                    | Inte | rnet:                            |    |                        |
|                    |      | Application for the Web          |    |                        |

# Appendix 2 – Sample Skills Assessment

## Skills Assessment Role-Based Training for AP Specialists

Check the response that best matches your experience. Circle (or highlight) the 5-10 skills that relate to areas where

you need additional (or refresher) training in order to use the system more effectively.

| you need additional (or reme            | oner) training              | In order to use the system more effectively. |             |                             |                            |                          |                                     |                             |
|---|-----------------------------|--|-------------|-----------------------------|----------------------------|--------------------------|-------------------------------------|-----------------------------|
|   |                             | Proficiency                                  |             |                             |                            |                          |                                     |                             |
| Skills                                  | Does not apply<br>to my job | I don't know<br>how                          | I need help | I can do with written steps | I can do with<br>some help | I can do<br>without help | I can explain<br>what I am<br>doing | I can teach<br>someone else |
| Basic Navigation Skills                 |                             |  |             |                             |                            |                          |                                     |                             |
| Set profile options                     |                             |  |             |                             |                            |                          |                                     |                             |
| Use concurrent manager                  |                             |  |             |                             |                            |                          |                                     |                             |
| Invoices                                |                             |  |             |                             |                            |                          |                                     |                             |
| Enter an invoice or update              |                             |  |             |                             |                            |                          |                                     |                             |
| Review invoices by vendor               |                             |  |             |                             |                            |                          |                                     |                             |
| Modify invoice payment schedule         |                             |  |             |                             |                            |                          |                                     |                             |
| Adjust invoice distributions            |                             |  |             |                             |                            |                          |                                     |                             |
| Manually release invoice holds          |                             |  |             |                             |                            |                          |                                     |                             |
| Enter an expense report                 |                             |  |             |                             |                            |                          |                                     |                             |
| Create recurring payment invoices       |                             |  |             |                             |                            |                          |                                     |                             |
| Define a recurring payment              |                             |  |             |                             |                            |                          |                                     |                             |
| Vendors                                 |                             |  |             |                             |                            |                          |                                     |                             |
| Enter a vendor                          |                             |  |             |                             |                            |                          |                                     |                             |
| Review a vendor                         |                             |  |             |                             |                            |                          |                                     |                             |
| Payments                                |                             |  |             |                             |                            |                          |                                     |                             |
| Automatic                               |                             |  |             |                             |                            |                          |                                     |                             |
| Select invoices for payment             |                             |  |             |                             |                            |                          |                                     |                             |
| Modify selected invoices                |                             |  |             |                             |                            |                          |                                     |                             |
| Format invoice payments                 |                             |  |             |                             |                            |                          |                                     |                             |
| Confirm a payment batch                 |                             |  |             |                             |                            |                          |                                     |                             |
| Manual                                  |                             |  |             |                             |                            |                          |                                     |                             |
| Enter a manual payment                  |                             |  |             |                             |                            |                          |                                     |                             |
| Review payments                         |                             |  |             |                             |                            |                          |                                     |                             |
| Stop a payment                          |                             |  |             |                             |                            |                          |                                     |                             |
| Void a payment                          |                             |  |             |                             |                            |                          |                                     |                             |
| Prepayment                              |                             |  |             |                             |                            |                          |                                     |                             |
| Enter a prepayment                      |                             |  |             |                             |                            |                          |                                     |                             |
| Select prepayment and apply to invoices |                             |  |             |                             |                            |                          |                                     |                             |
| Reports                                 |                             |  |             |                             |                            |                          |                                     |                             |
| Submit payables reports and sets        |                             |  |             |                             |                            |                          |                                     |                             |
| Submit Expense Detail report            |                             |  |             |                             |                            |                          |                                     |                             |
| Tasks                                   |                             |  |             |                             |                            |                          |                                     |                             |
| Initiate AutoApproval                   |                             |  |             |                             |                            |                          |                                     |                             |

Page 1

|  |                             | Proficiency         |             |                                |                            |                          |                                     |                             |
|--|-----------------------------|---------------------|-------------|--------------------------------|----------------------------|--------------------------|-------------------------------------|-----------------------------|
| Skills   | Does not apply<br>to my job | I don't know<br>how | I need help | I can do with<br>written steps | I can do with<br>some help | I can do<br>without help | I can explain<br>what I am<br>doing | I can teach<br>someone else |
| Write off AP accruals                              |                             |                     |             |                                |                            |                          |                                     |                             |
| Create journal entries for invoices and payments   |                             |                     |             |                                |                            |                          |                                     |                             |
| Setup  |                             |                     |             |                                |                            |                          |                                     |                             |
| Invoices   |                             |                     |             |                                |                            |                          |                                     |                             |
| Define payment terms                               |                             |                     |             |                                |                            |                          |                                     |                             |
| Define distribution set                            |                             |                     |             |                                |                            |                          |                                     |                             |
| Define matching and tax tolerance levels           |                             |                     |             |                                |                            |                          |                                     |                             |
| Define invoice approvals                           |                             |                     |             |                                |                            |                          |                                     |                             |
| Define an expense report type                      |                             |                     |             |                                |                            |                          |                                     |                             |
| Define a standard invoice note                     |                             |                     |             |                                |                            |                          |                                     |                             |
| Banks  |                             |                     |             |                                |                            |                          |                                     |                             |
| Define a bank, account, and payment documentation  |                             |                     |             |                                |                            |                          |                                     |                             |
| Organization                                       |                             |                     |             |                                |                            |                          |                                     |                             |
| Enter/view an employee                             |                             |                     |             |                                |                            |                          |                                     |                             |
| Define a location                                  |                             |                     |             |                                |                            |                          |                                     |                             |
| Reports  |                             |                     |             |                                |                            |                          |                                     |                             |
| Define an Expense Detail report                    |                             |                     |             |                                |                            |                          |                                     |                             |
| Define Invoice Aging periods                       |                             |                     |             |                                |                            |                          |                                     |                             |
| Define a report set                                |                             |                     |             |                                |                            |                          |                                     |                             |
| System   |                             |                     |             |                                |                            |                          |                                     |                             |
| Define system options, defaults                    |                             |                     |             |                                |                            |                          |                                     |                             |
| Define payables QuickCodes                         |                             |                     |             |                                |                            |                          |                                     |                             |
| Define vendor QuickCodes                           |                             |                     |             |                                |                            |                          |                                     |                             |
| Define periods for key indicator reports           |                             |                     |             |                                |                            |                          |                                     |                             |
| Controls   |                             |                     |             |                                |                            |                          |                                     |                             |
| Merge invoices and purchase orders<br>for a vendor |                             |                     |             |                                |                            |                          |                                     |                             |
| Reset payment batch status                         |                             |                     |             |                                |                            |                          |                                     |                             |
| Adjust a manual payment                            |                             |                     |             |                                |                            |                          |                                     |                             |
| Fix invalid payment distributions                  |                             |                     |             |                                |                            |                          |                                     |                             |
| Maintain accounts payable period statuses          |                             |                     |             |                                |                            |                          |                                     |                             |
| Review invoice distributions                       |                             |                     |             |                                |                            |                          |                                     |                             |

Page 2